

## EAST Search History

| Ref # | Hits | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------|------------------|---------|------------------|
| L1    | 0    | ((operational near2 characteristics) and modify\$4 and (slow near2 down)).clm.   | US-PGPUB; USPAT; USOCR | OR               | ON      | 2007/07/11 17:34 |
| L4    | 422  | (distort\$4 and reflect\$4 and medium).clm.                                      | US-PGPUB; USPAT; USOCR | OR               | ON      | 2007/07/11 17:36 |
| L5    | 64   | (distort\$4 and reflect\$4 and medium and read).clm.                             | US-PGPUB; USPAT; USOCR | OR               | ON      | 2007/07/11 17:36 |
| S1    | 1    | 10/773095  | US-PGPUB; USPAT        | OR               | ON      | 2007/06/27 17:11 |
| S3    | 350  | ((JOHN) near2 (HART)).INV.   | US-PGPUB; USPAT        | OR               | ON      | 2007/06/27 17:14 |
| S4    | 55   | ((RICHARD) near2 (LEVINE)).INV.  | US-PGPUB; USPAT        | OR               | ON      | 2007/06/27 17:14 |
| S5    | 188  | ((ANDREW) near2 (LEE)).INV.  | US-PGPUB; USPAT        | OR               | ON      | 2007/06/27 17:14 |
| S6    | 109  | ((DANIEL) near2 (HOWARD)).INV.   | US-PGPUB; USPAT        | OR               | ON      | 2007/06/27 17:14 |
| S7    | 577  | S3 or S4 or S5 or S5   | US-PGPUB; USPAT        | OR               | ON      | 2007/06/27 17:15 |
| S8    | 2    | S7 and "369".clas.   | US-PGPUB; USPAT        | OR               | ON      | 2007/06/27 17:15 |
| S9    | 32   | S7 and ((digital near2 information) or "CD" or "DVD" or (optical near2 medium))  | US-PGPUB; USPAT        | OR               | ON      | 2007/06/27 17:17 |
| S10   | 23   | S7 and (distortion or bubble)  | US-PGPUB; USPAT        | OR               | ON      | 2007/06/27 17:17 |
| S11   | 81   | ((JOHN) near2 (HART)).INV.   | EPO; JPO; DERWENT      | OR               | ON      | 2007/06/27 17:18 |
| S12   | 8    | ((RICHARD) near2 (LEVINE)).INV.  | EPO; JPO; DERWENT      | OR               | ON      | 2007/06/27 17:18 |
| S13   | 156  | ((ANDREW) near2 (LEE)).INV.  | EPO; JPO; DERWENT      | OR               | ON      | 2007/06/27 17:18 |
| S14   | 39   | ((DANIEL) near2 (HOWARD)).INV.   | EPO; JPO; DERWENT      | OR               | ON      | 2007/06/27 17:18 |
| S15   | 269  | S11 or S12 or S13 or S14   | EPO; JPO; DERWENT      | OR               | ON      | 2007/06/27 17:19 |
| S16   | 5    | S15 and ((digital near2 information) or "CD" or "DVD" or (optical near2 medium)) | EPO; JPO; DERWENT      | OR               | ON      | 2007/06/27 17:24 |
| S17   | 1    | WO20040472970  | DERWENT                | OR               | ON      | 2007/06/27 17:26 |
| S18   | 1    | 2004-635324.NRAN.  | DERWENT                | OR               | ON      | 2007/06/27 17:21 |
| S19   | 1    | 2004-635324.NRAN.  | DERWENT                | OR               | ON      | 2007/06/27 17:22 |
| S29   | 0    | WO02/82429.ptpn.   | DERWENT                | OR               | ON      | 2007/06/27 17:27 |
| S30   | 0    | WO02/082429.ptpn.  | DERWENT                | OR               | ON      | 2007/06/27 17:27 |

## EAST Search History

|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S31 | 2   | "6226770"   | US-PGPUB;<br>USPAT           | OR | ON | 2007/06/28 15:34 |
| S32 | 0   | EP0987705   | EPO;<br>DERWENT              | OR | ON | 2007/06/27 17:34 |
| S33 | 2   | "0987705"   | EPO;<br>DERWENT              | OR | ON | 2007/06/27 17:34 |
| S34 | 0   | ep0987705   | EPO                          | OR | ON | 2007/06/28 15:33 |
| S35 | 1   | ep00987705  | EPO                          | OR | ON | 2007/06/27 17:34 |
| S36 | 11  | "6709802"   | US-PGPUB;<br>USPAT           | OR | ON | 2007/06/27 17:58 |
| S37 | 41  | "6338933"   | US-PGPUB;<br>USPAT           | OR | ON | 2007/06/27 17:53 |
| S38 | 0   | "2002076647"  | US-PGPUB;<br>USPAT           | OR | ON | 2007/06/27 17:53 |
| S39 | 1   | "20020076647"   | US-PGPUB;<br>USPAT           | OR | ON | 2007/06/27 17:54 |
| S40 | 118 | "5815484"   | US-PGPUB;<br>USPAT           | OR | ON | 2007/06/27 17:54 |
| S41 | 0   | EP1025560   | EPO                          | OR | ON | 2007/06/27 17:58 |
| S42 | 0   | "1025560"   | EPO                          | OR | ON | 2007/06/27 17:58 |
| S43 | 0   | "01025560"  | EPO                          | OR | ON | 2007/06/27 17:58 |
| S44 | 6   | "5822287"   | US-PGPUB;<br>USPAT           | OR | ON | 2007/06/27 17:59 |
| S48 | 81  | ("4237211"   "4380769"   "4478768"  <br>"4527173"   "4542288"   "4578690"  <br>"4584641"   "4677604"   "4720826"  <br>"4734796"   "4735839"   "4748316"  <br>"4785361"   "4849836"   "4865942"  <br>"4866769"   "4879704"   "4933377"  <br>"4975898"   "4980782"   "5028109"  <br>"5050213"   "5053339"   "5162989"  <br>"5183763"   "5185233"   "5267311"  <br>"5293422"   "5311494"   "5322747"  <br>"5336531"   "5346654"   "5370970"  <br>"5371792"   "5373499"   "5384221"  <br>"5400319"   "5412718"   "5418852"  <br>"5426625"   "5432647"   "5448551"  <br>"5453968"   "5461239"   "5473584"  <br>"5510163"   "5513169"   "5513260"  <br>"5538773"   "5570379"   "5572589"  <br>"5574787"   "5582434"   "5587984"  <br>"5592454"   "5598399"   "5608717"  <br>"5629914"   "5636096"   "5636292"  <br>"5644566"   "5646920"   "5661703"  <br>"5671202"   "5680383"   "5681633"  <br>"5776573"   "5815484"   "5846836"  <br>"5935673"   "5963536"   "6011772"  <br>"6038207"   "6083667"   "6087075"  <br>"6338933").PN. OR ("6531262").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:28 |

## EAST Search History

|     |       |  |                              |    |    |                  |
|-----|-------|--|------------------------------|----|----|------------------|
| S49 | 6     | S48 and (bubble or distortion)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:36 |
| S50 | 588   | 369/84.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:37 |
| S51 | 54353 | (air adj bubble)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:40 |
| S52 | 2     | S50 and S51  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:37 |
| S53 | 127   | 369/47.13.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:37 |
| S54 | 517   | 369/53.21.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:38 |
| S55 | 1     | S53 and S51  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:38 |
| S56 | 1     | S54 and S51  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:38 |
| S57 | 3     | 369/109.01.ccls. and S51   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:39 |
| S58 | 7     | 369/275.4.ccls. and S51  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:39 |
| S59 | 7     | 369/284.ccls. and S51  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:40 |
| S60 | 0     | 369/285.ccls. and S51  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:39 |
| S61 | 0     | S58 and S59  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:39 |
| S62 | 341   | (bubble or deformation) and (unauthoriz\$3<br>near2 (duplicat\$4 or copy\$4 or copies or<br>read\$4 or use or usage or using)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:43 |
| S63 | 23    | S62 and "369".clas.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/06/28 10:43 |
| S64 | 1     | ("2005/0063256").URPN.   | USPAT                        | OR | ON | 2007/06/28 10:50 |
| S67 | 21    | 09/608886  | US-PGPUB;<br>USPAT           | OR | ON | 2007/06/28 10:53 |
| S68 | 49    | (richard near2 selinfreund).inv.   | US-PGPUB;<br>USPAT           | OR | ON | 2007/06/28 10:58 |

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|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S69 | 10 | ("4090031" "5132954" "5204852" "5213955<br>" "5388085" "5526329" "5930217" "658068<br>0" "6589626" "6638593").PN. | US-PGPUB;<br>USPAT                        | OR | ON | 2007/06/28 11:29 |
| S70 | 1  | 10/758533   | US-PGPUB;<br>USPAT                        | OR | ON | 2007/06/28 11:29 |
| S72 | 0  | "0987705"   | EPO                                       | OR | ON | 2007/06/28 15:34 |
| S73 | 0  | "00987705"  | EPO                                       | OR | ON | 2007/06/28 15:34 |
| S74 | 0  | "000987705"   | EPO                                       | OR | ON | 2007/06/28 15:34 |
| S75 | 0  | "000987705"   | USOCR;<br>EPO;<br>DERWENT                 | OR | ON | 2007/06/28 15:34 |
| S76 | 3  | "0987705"   | USOCR;<br>EPO;<br>DERWENT                 | OR | ON | 2007/06/28 15:35 |
| S77 | 0  | "ep0987705"   | USOCR;<br>EPO;<br>DERWENT                 | OR | ON | 2007/06/28 15:36 |
| S78 | 1  | DE19842392  | USOCR;<br>EPO;<br>DERWENT                 | OR | ON | 2007/06/28 15:56 |
| S79 | 2  | "19842392"  | USOCR;<br>EPO;<br>DERWENT                 | OR | ON | 2007/06/28 15:37 |
| S80 | 1  | 2000-073904.NRAN.   | DERWENT                                   | OR | ON | 2007/06/28 15:37 |
| S81 | 1  | 2000-073904.NRAN.   | DERWENT                                   | OR | ON | 2007/06/28 15:37 |
| S88 | 41 | "6338933"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/07/02 13:27 |

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|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| S89 | 98 | ( "4237211"   "4380769"   "4478768"  <br>"4527173"   "4542288"   "4578690"  <br>"4584641"   "4677604"   "4734796"  <br>"4735839"   "4785361"   "4849836"  <br>"4865942"   "4866769"   "4879704"  <br>"4933377"   "4975898"   "4980782"  <br>"5028109"   "5050213"   "5053339"  <br>"5162989"   "5183763"   "5185233"  <br>"5267311"   "5293422"   "5311494"  <br>"5322747"   "5346654"   "5370970"  <br>"5371792"   "5373499"   "5384221"  <br>"5400319"   "5412718"   "5418852"  <br>"5426625"   "5432647"   "5448551"  <br>"5453968"   "5461239"   "5473584"  <br>"5510163"   "5513169"   "5513260"  <br>"5538773"   "5570379"   "5572589"  <br>"5574787"   "5587984"   "5592454"  <br>"5598399"   "5608717"   "5629914"  <br>"5636096"   "5636292"   "5644566"  <br>"5646920"   "5661703"   "5671202"  <br>"5680383"   "5681633"   "5815484"  <br>"5846836"   "5963536"   "6011772"  <br>"6038207"   "6083667"   "6087075").PN.<br>OR ("6338933").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/07/02 13:46 |
| S90 | 81 | ( "4237211"   "4380769"   "4478768"  <br>"4527173"   "4542288"   "4578690"  <br>"4584641"   "4677604"   "4720826"  <br>"4734796"   "4735839"   "4748316"  <br>"4785361"   "4849836"   "4865942"  <br>"4866769"   "4879704"   "4933377"  <br>"4975898"   "4980782"   "5028109"  <br>"5050213"   "5053339"   "5162989"  <br>"5183763"   "5185233"   "5267311"  <br>"5293422"   "5311494"   "5322747"  <br>"5336531"   "5346654"   "5370970"  <br>"5371792"   "5373499"   "5384221"  <br>"5400319"   "5412718"   "5418852"  <br>"5426625"   "5432647"   "5448551"  <br>"5453968"   "5461239"   "5473584"  <br>"5510163"   "5513169"   "5513260"  <br>"5538773"   "5570379"   "5572589"  <br>"5574787"   "5582434"   "5587984"  <br>"5592454"   "5598399"   "5608717"  <br>"5629914"   "5636096"   "5636292"  <br>"5644566"   "5646920"   "5661703"  <br>"5671202"   "5680383"   "5681633"  <br>"5776573"   "5815484"   "5846836"  <br>"5935673"   "5963536"   "6011772"  <br>"6038207"   "6083667"   "6087075"  <br>"6338933").PN. OR ("6531262").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/07/02 13:46 |
| S91 | 24 | S89 not S90  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/07/02 13:46 |